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**8 reference(s) found :**

**Keynumber:** 1991BE35

**Reference:** Astrophys.J. 375, 823 (1991)

**Authors:** H.Beer

**Title:** Capture Cross Section Measurements of Krypton and Xenon Isotopes and the Fundamental Parameters of the s-Process

**Keyword abstract:** NUCLEAR REACTIONS  $^{78, 80, 84, 86}\text{Kr}$ ,  $^{124, 126, 128, 132, 134, 136}\text{Xe}(n,\gamma)$ , E=low; measured capture  $\sigma$ ; deduced s-process fundamental parameters. Neutrons from  $^7\text{Li}(p,n)$  reaction, fast cyclic activation technique.

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**Keynumber:** 1983BEZL

**Reference:** NEANDC(E)-242U, Vol.V, p.7 (1983)

**Authors:** H.Beer, F.Kappeler, G.Reffo

**Title:** Neutron Capture Cross Sections of the Stable Xenon Isotopes and Their Application in Stellar Nucleosynthesis

**Keyword abstract:** NUCLEAR REACTIONS  $^{124, 132, 134}\text{Xe}(n,\gamma)$ , E=25 keV; measured  $\sigma$ (capture); deduced solar xenon abundance. Statistical model, s-process systematics, other data input.

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**Keynumber:** 1981BEZC

**Reference:** NEANDC(E)-222U, Vol.V, p.5 (1981)

**Authors:** H.Beer, F.Kappeler, G.Reffo

**Title:** Capture Cross Section Measurements on Xe, Sm, Eu and Gd-Isotopes with the Activation Method

**Keyword abstract:** NUCLEAR REACTIONS  $^{124, 132, 134}\text{Xe}$ ,  $^{152}\text{Sm}$ ,  $^{151}\text{Eu}$ ,  $^{152, 158, 160}\text{Gd}(n,\gamma)$ , E=25 keV; measured  $\sigma$ (capture). Activation technique.  $^{197}\text{Au}$  standard.

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**Keynumber:** 1974KAZR

**Coden:** JOUR BAPSA 19 644 AD11

**Keyword abstract:** NUCLEAR REACTIONS  $^{124}\text{Xe}(n,\gamma)$ ; measured  $\sigma(E\gamma)$ ,  $\gamma\gamma(t)$ .  $^{125}\text{Xe}$  deduced levels,  $T_{1/2}$ .

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**Keynumber:** 1974KAZF

**Coden:** REPT USNDC-11 P58

**Keyword abstract:** NUCLEAR REACTIONS  $^{124}\text{Xe}(n,\gamma)$ ; measured  $E\gamma$ ,  $I\gamma$ ,  $\gamma\gamma$ -coin.  $^{125}\text{Xe}$  deduced levels, isomer,  $T_{1/2}$ , isomer ratio.

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**Keynumber:** 1971KAZL

**Coden:** REPT BNL-50298,P33,10/21/71

**Keyword abstract:** NUCLEAR REACTIONS  $^{124}\text{Xe}(n,\gamma)$ , E=5.16 eV resonance; measured  $E\gamma$ ,  $I\gamma$ ,  $\gamma\gamma$ -coin.  $^{125}\text{Xe}$  deduced levels, J,  $\pi$ ,  $\gamma$ -branching.

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**Keynumber:** 1969KA25

**Reference:** Yadern.Fiz. 10, 27 (1969); Soviet J.Nucl.Phys. 10, 15 (1970)

**Authors:** B.Kardon, Z.Zamori, Z.Sheresh, P.Groz

**Title:** Measurement of Cross Section Isomeric Ratios on Xe Isotopes

**Keyword abstract:** NUCLEAR REACTIONS  $^{124, 126, 132, 134}\text{Xe}(n,\gamma)$ , E=thermal; measured  $\sigma(E\gamma)$ .

$^{125}$ ,  $^{127}$ ,  $^{133}$ ,  $^{135}$ Xe deduced isomeric  $\sigma$  ratios.

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**Keynumber:** 1968KO13

**Reference:** Nucl.Phys. A120, 329 (1968)

**Authors:** E.Kondaiah, N.RanaKumar, R.W.Fink

**Title:** Thermal Neutron Activation Cross Sections for Kr and Xe Isotopes

**Keyword abstract:** NUCLEAR REACTIONS  $^{78}$ ,  $^{80}$ ,  $^{82}$ ,  $^{84}$ Kr,  $^{124}$ ,  $^{126}$ ,  $^{128}$ ,  $^{130}$ ,  $^{132}$ ,  $^{134}$ ,  $^{136}$ Xe(n, $\gamma$ ).

E=thermal; measured  $\sigma$ ; deduced isomer cross-section ratio, spin cutoff parameter. Solid quinol-clathrate targets.